

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 2    | gb-2013793-\$.did.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:44 |
| S6    | 39   | (self adj healing adj plastic)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:46 |
| S5    | 0    | S3 and microcapsule                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:46 |
| S4    | 0    | S3 and microcapsules                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:46 |
| S3    | 866  | (self adj lubricating adj plastic) and<br>@ad<"20011228" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:46 |
| S2    | 1278 | (self adj lubricating adj plastic)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:46 |
| S7    | 2    | S6 and microcapsule                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:47 |
| S8    | 60   | plastic and (microcapsule with<br>lubricant)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:48 |
| S10   | 0    | S9 and polyketone  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/03/27 12:52 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S9  | 47   | S8 and @ad<"20011228"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/03/27 12:52 |
| S11 | 1    | ("4504543").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 15:32 |
| S13 | 2442 | (polyether adj ketone) and<br>@ad<"20011228"                               | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 17:58 |
| S16 | 0    | S15 and microcapsules  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 18:10 |
| S15 | 107  | S14 and seal   | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 18:10 |
| S17 | 25   | S15 and lubric\$8  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 18:28 |
| S14 | 436  | (polyetherether adj ketone) and<br>@ad<"20011228"                          | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 18:37 |
| S18 | 5    | (polyetherether adj ketone) with seal<br>and @ad<"20011228"                | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 19:29 |
| S19 | 4    | sliding and (polyetherether adj<br>ketone) with seal and<br>@ad<"20011228" | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/27 19:35 |
| S20 | 11   | microcapsules with (polyoxymethylene<br>adj urea)                          | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 08:06 |
| S22 | 2    | S21 and @ad<"20011228"   | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 08:07 |
| S21 | 11   | microcapsules with (polyoxymethylene<br>adj urea)                          | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 08:07 |
| S26 | 5    | S25 and @ad<"20011128"   | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 13:47 |
| S23 | 0    | (reciprocating adj piston) with<br>microcapsules                           | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 13:47 |
| S27 | 2    | (reciprocating adj compressor) and<br>microcapsules                        | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2007/03/28 13:48 |

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|     |       |  |                              |     |    |                  |
|-----|-------|--|------------------------------|-----|----|------------------|
| S25 | 43    | (reciprocating adj piston) and microcapsules                                     | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 13:48 |
| S24 | 0     | microelement with microcapsules  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 14:11 |
| S28 | 1     | microelement with seal and plastic   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 14:12 |
| S29 | 5246  | microcapsules and (zinc or boron) and @ad<"20011128"                             | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:02 |
| S33 | 25    | S32 and lubric\$8  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:03 |
| S32 | 107   | S31 and seal   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:03 |
| S31 | 436   | (polyetherether adj ketone) and @ad<"20011228"                                   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:03 |
| S35 | 479   | S29 and ((mechanical adj strength) or (thermal conductivity)) and @ad<"20011128" | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:07 |
| S34 | 12    | S33 and (zinc or boron)  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:07 |
| S36 | 12244 | additive with (zinc or boron) and @ad<"20011128"                                 | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:26 |
| S12 | 1     | "20050123758".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:26 |
| S38 | 206   | S36 and microcapsules  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:28 |
| S40 | 20    | S37 and seal   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:29 |
| S39 | 0     | S37 and microcapsules  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:29 |
| S42 | 13    | S40 and polymer  | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:30 |

## EAST Search History

|     |    |   |                              |     |    |                  |
|-----|----|---|------------------------------|-----|----|------------------|
| S41 | 3  | S40 and plastic   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:30 |
| S43 | 1  | "4504543".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:39 |
| S37 | 96 | (lubricant adj additive) with (zinc or boron) and @ad<"20011128"      | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:43 |
| S45 | 2  | (zinc adj powder) and conductivity and "508".clas. and @ad<"20011128" | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:44 |
| S44 | 0  | (lubricant adj additive) with (zinc adj powder) and @ad<"20011128"    | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 15:44 |
| S46 | 85 | 508/100.ccls. and @ad<"20011128"                                      | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/28 16:30 |